

TRANSMITTAL LETTER TO THE UNITED STATES
DESIGNATED/ELECTED OFFICE (DO/EO/US)
CONCERNING A FILING UNDER 35 U.S.C. 371

L9289.02114

U.S. APPLICATION NO. (IF KNOWN, SEE 37 CFR

10/049439

INTERNATIONAL APPLICATION NO.
PCT/JP01/05179INTERNATIONAL FILING DATE
June 18, 2001PRIORITY DATE CLAIMED
June 16, 2000

TITLE OF INVENTION

WIRELESS COMMUNICATION SYSTEM

APPLICANT(S) FOR DO/EO/US

Akito FUKUI

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. ☒ This is a **FIRST** submission of items concerning a filing under 35 U.S.C. 371.
2. ☐ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing under 35 U.S.C. 371.
3. ☒ This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (24) indicated below.
4. ☐ The US has been elected by the expiration of 19 months from the priority date (Article 31).
5. ☒ A copy of the International Application as filed (35 U.S.C. 371 (c) (2))
 - a. ☐ is attached hereto (required only if not communicated by the International Bureau).
 - b. ☒ has been communicated by the International Bureau.
 - c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US).
6. ☒ An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).
 - a. ☒ is attached hereto.
 - b. ☐ has been previously submitted under 35 U.S.C. 154(d)(4).
7. ☒ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3))
 - a. ☒ are attached hereto (required only if not communicated by the International Bureau).
 - b. ☐ have been communicated by the International Bureau.
 - c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.
 - d. ☐ have not been made and will not be made.
8. ☒ An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
9. ☒ An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)).
10. ☐ An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)).
11. ☐ A copy of the International Preliminary Examination Report (PCT/IPEA/409).
12. ☒ A copy of the International Search Report (PCT/ISA/210).

Items 13 to 20 below concern document(s) or information included:

13. ☒ An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
14. ☒ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
15. ☐ A **FIRST** preliminary amendment.
16. ☐ A **SECOND** or **SUBSEQUENT** preliminary amendment.
17. ☐ A substitute specification.
18. ☐ A change of power of attorney and/or address letter.
19. ☐ A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 35 U.S.C. 1.821 - 1.825.
20. ☐ A second copy of the published international application under 35 U.S.C. 154(d)(4).
21. ☐ A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).
22. ☐ Certificate of Mailing by Express Mail
23. ☒ Other items or information:

Claim for Priority with PCT/IB/304

PCT/IB/308

PCT/RO/I01

PCT/IB/346

U.S. APPLICATION NO. (IF KNOWN, SEE 37 CFR 1.53) 10/049439		INTERNATIONAL APPLICATION NO. PCT/JP01/05179		ATTORNEY'S DOCKET NUMBER L9289.02114	
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24. The following fees are submitted:

BASIC NATIONAL FEE (37 CFR 1.492 (a) (1) - (5)) :				CALCULATIONS PTO USE ONLY	
<input type="checkbox"/>	Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO and International Search Report not prepared by the EPO or JPO	\$1040.00			
<input checked="" type="checkbox"/>	International preliminary examination fee (37 CFR 1.482) not paid to USPTO but International Search Report prepared by the EPO or JPO	\$890.00			
<input type="checkbox"/>	International preliminary examination fee (37 CFR 1.482) not paid to USPTO but international search fee (37 CFR 1.445(a)(2)) paid to USPTO	\$740.00			
<input type="checkbox"/>	International preliminary examination fee (37 CFR 1.482) paid to USPTO but all claims did not satisfy provisions of PCT Article 33(1)-(4)	\$710.00			
<input type="checkbox"/>	International preliminary examination fee (37 CFR 1.482) paid to USPTO and all claims satisfied provisions of PCT Article 33(1)-(4)	\$100.00			
ENTER APPROPRIATE BASIC FEE AMOUNT =			\$890.00		
Surcharge of \$130.00 for furnishing the oath or declaration later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492 (e)).			\$0.00		
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE		
Total claims	11 - 20 =	0	x \$18.00	\$0.00	
Independent claims	7 - 3 =	4	x \$84.00	\$336.00	
Multiple Dependent Claims (check if applicable). <input type="checkbox"/>				\$0.00	
TOTAL OF ABOVE CALCULATIONS =				\$1,226.00	
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27). The fees indicated above are reduced by 1/2.				\$0.00	
SUBTOTAL =				\$1,226.00	
Processing fee of \$130.00 for furnishing the English translation later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492 (f)).			+	\$0.00	
TOTAL NATIONAL FEE =				\$1,226.00	
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31) (check if applicable). <input checked="" type="checkbox"/>				\$40.00	
TOTAL FEES ENCLOSED =				\$1,266.00	
				Amount to be:	\$
				refunded	\$
				charged	\$

a. ☒ A check in the amount of **\$1,266.00** to cover the above fees is enclosed.

b. ☐ Please charge my Deposit Account No. _____ in the amount of _____ to cover the above fees. A duplicate copy of this sheet is enclosed.


c. ☒ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. **19-4375**. A duplicate copy of this sheet is enclosed.

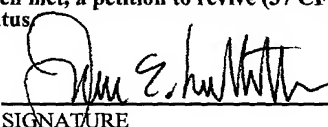
d. ☐ Fees are to be charged to a credit card. **WARNING:** Information on this form may become public. **Credit card information should not be included on this form.** Provide credit card information and authorization on PTO-2038.

NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.

SEND ALL CORRESPONDENCE TO:

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24257
 PATENT TRADEMARK OFFICE



SIGNATURE

James E. Ledbetter

NAME

28,732

REGISTRATION NUMBER

February 12, 2002

DATE

(19) 世界知的所有権機関
国際事務局



(43) 国際公開日
2001 年 12 月 20 日 (20.12.2001)

PCT

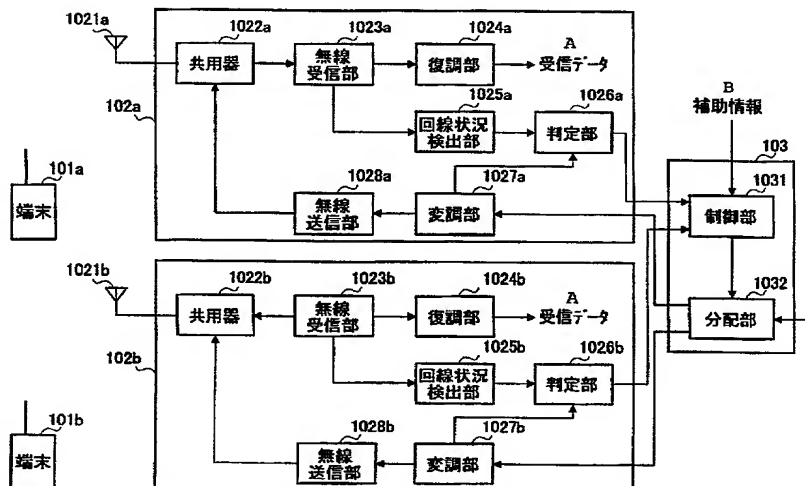
(10) 国際公開番号
WO 01/97540 A1

- (51) 国際特許分類⁷: H04Q 7/22 (72) 発明者; および
(21) 国際出願番号: PCT/JP01/05179 (75) 発明者/出願人 (米国についてののみ): 福井章人 (FUKUI, Akito) [JP/JP]; 〒232-0064 神奈川県横浜市南区別所 1-5-19 Kanagawa (JP).
(22) 国際出願日: 2001 年 6 月 18 日 (18.06.2001)
(25) 国際出願の言語: 日本語 (74) 代理人: 鷺田公一 (WASHIDA, Kimihito); 〒206-0034 東京都多摩市鶴牧 1 丁目 24-1 新都市センタービル 5 階 Tokyo (JP).
(26) 国際公開の言語: 日本語
(30) 優先権データ: 特願 2000-181805 2000 年 6 月 16 日 (16.06.2000) JP (81) 指定国 (国内): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW.
(71) 出願人 (米国を除く全ての指定国について): 松下電器産業株式会社 (MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD.) [JP/JP]; 〒571-8501 大阪府門真市大字門真 1006 番地 Osaka (JP).

[続葉有]

(54) Title: RADIO COMMUNICATION SYSTEM

(54) 発明の名称: 無線通信システム



(57) Abstract: In order to narrow base stations to those having a high probability of being requested to transmit data by a communication terminal, a base station finds the base stations having the high probability by making use of a report of the downstream line situation returned from the communication terminal to the base station, and transmits the result of the finding as the flow control information between a control station and the base stations to the control station. The control station transmits the data to the base stations.

- 101a...TERMINAL
1022a...ANTENNA DUPLEXER UNIT
1023a...RADIO RECEIVING UNIT
1028a...RADIO TRANSMISSION UNIT
1024a...DEMODULATING UNIT
1025a...LINE SITUATION DETECTING UNIT
1027a...DEMODULATION UNIT
1026a...JUDGING UNIT
A...RECEIVED DATA
B...AUXILIARY INFORMATION
1031...CONTROL UNIT
1032...DISTRIBUTION UNIT
101b...TERMINAL
1022b...ANTENNA DUPLEXER UNIT
1023b...RADIO RECEIVING UNIT
1028b...RADIO TRANSMISSION UNIT
1024b...DEMODULATING UNIT
1025b...LINE SITUATION DETECTING UNIT
1027b...DEMODULATION UNIT
1026b...JUDGING UNIT

[続葉有]